

FORM PTO-1449
(Rev. 2-32)

U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No.

90,1092-BBB

Serial No.

09/934,358

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use several sheets if necessary)

Applicant:

Civelli et al.

Filing Date:

August 21, 2001

Group:

1646

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
✓	4,761,371	8/2/98	Bell, et al.	—	—	
✓	4,683,195	7/28/87	Mullis, et al.	—	—	
✓	4,683,202	11/27/90	Mullis, et al.	—	—	
✓	4,599,308	7/8/86	Harner, et al.	—	—	
✓	4,650,764	3/17/87	Termin, et al.	—	—	
✓	4,861,719	8/29/89	Miller	—	—	
✓	5,422,265	6/6/95	Civelli	—	—	
✓	5,569,601	10/29/96	Civelli	—	—	
✓	5,880,260	3/9/99	Civelli	—	—	

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
✓	WO 92 / 1 0 5 7 1	6/25/92	—	—	—		
✓	WO 91 / 1 2 3 3 9	8/22/91	—	—	—		
✓	WO 94 / 0 3 6 0 2	2/19/94	—	—	—		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

✓		Ackenheil, et al., "Antipsychotische Wirksamkeit im Verhalten zum Plasmaspiegel von Clozapin," <i>Arzneim-Forsch</i> 26, 1156-1158 (1976)
✓		Albert (1984) <i>J. Biol Chem.</i> 259:15350-15363
✓		Amlaiky and Caron, "Identification of the D2-Dopamine Receptor Binding Subunit in Several Mammalian Tissues and Species by Photoaffinity Labeling," <i>J. Neurochem.</i> 47, 196-204 (1986)
✓		Abramson, <i>Biochem Pharmacol</i> 37:4289-4297 (1988)
✓		Amlaiky and Caron, "Photoaffinity Labeling of the D2-dopamine Receptor Using a Novel High Affinity Radioiodinated Probe," <i>J. Biol Chem.</i> 260, 1983-1986 (1985)
✓		Amlaiky, et al., "Identification of the Binding Subunit of the D1-Dopamine Receptor by Photoaffinity Crosslinking," <i>Mol. Pharmacol.</i> 31, 129-134 (1987)
✓		Barnes D.M. <i>Science</i> 241, 415-417 (1988)
✓		Ben-Jonathon (1977) <i>Endocrinology</i> 100:452-458
✓		Bertling, "Transfection of a DNA/Protein Complex into Nuclei of Mammalian Cells Using Polyoma Capsides and Electroporation," <i>Bioscience Reports</i> 7, 1071-112 (1987)
✓		Borgundbvaag V. <i>Life Sci.</i> 37:379-386 (1985)
✓		Botstein, et al., "Construction of a Genetic Linkage Map in Man Using Restriction fragment Length Polymorphisms," <i>Am. J. Hum. Genet.</i> 32, 314-331 (1980)
✓		Bouvier, et al., "Removal of phosphorylation sites from the b2-adrenergic receptor delays onset of agonist-promoted desensitization," <i>Nature</i> 333, 370-373 (1988)
✓		Boyson, <i>Neurosci</i> , 6, 3177-3188 (1986)
✓		Bunney B.S. (1973) <i>Nature (New Biol)</i> 245:123-125
✓		Bunzow, et al., "Cloning and expression of a rat D2 dopamine receptor cDNA," <i>Nature</i> 336, 783,787 (1988)
✓		Canonica P.L. (1986) <i>J. Endocrinol</i> 110:389-393
✓		Casey, "Clozapine: neuroleptic-induced EPS and tardive dyskinesia," <i>Psychopharmacology</i> 99, S47-S53 (1989)
✓		Cole T.E., <i>J. Neural. Trans. Suppl.</i> 18, 139-147 (1983)
✓		Cote, <i>J. Neural Trans Suppl.</i> 18:139-147 (1983)
✓		Cheng, <i>Biochem Pharmacol</i> 22, 3099-3108 (1973)
✓		Cooper, et al., "Catecholamines II: CNS Aspects," in <i>The Biochemical Basis of Neuropharmacology</i> , 3d ed. 1978 (Oxford University Press, N.Y.), pp. 161-195
✓		Crease, et al., <i>European J. Pharmacol.</i> 45:(1977) 377-381
✓		Crease I., <i>Ann. Rev. Neurosci.</i> 6, 43-71 (1983)
✓		Cronin (1983) <i>Am. J. Physiol</i> 244:E499-E504
✓		Dal Toso, et al. <i>EMBO J.</i> 8, 4025-4034 (1989)
✓		DeCamilli P., (1979) <i>Nature</i> 278:252-254
✓		Dixon., <i>Nature</i> 321, 75-79 (1986)

2		Dorflinger, (1983) Endocrinology 113:1541-1500, 1551-1558
2		Drouva S. V. Endocrinology 123:2762-2773 (1988)
2		Young and Davis, "Efficient isolation of genes by using antibody probes," Proc. Natl. Acad. Sci. USA 80, 1194-1198 (1983)
2		Dohlman, et al., Biochemistry 26, 2657-2664 (1987)
2		Dolphin A.C., Trends in Neurosci. 10:53-57 (1987)
2		Enjalbert A. J., Biol Chem 261:4071-4075 (1986)
2		Fiers, et al., "Complete nucleotide sequence of SV40 DNA," Nature 273, 113 (1978)
2		Gingrich et al., J. Biochemistry 27, 3907-3912 (1988)
2		Gorman, et al., "High Efficiency DNA-Mediated Transformation of Primate Cells," Science 221, 551-553 (1983)
2		Gourdi D., (1979) FEBS Letter 104:165-168
2		Grandy, et al., "Cloning of the cDNA and gene for a human D2 dopamine receptor," Proc. Natl. Acad. Sci. USA 86, 9762-9766 (1989)
2		Grigoriadis, FEBS Let. 227:220-224 (1988)
2		Hamblin, M.N. Biochem Pharmacol 33, 877-887
2		Hamblin, Life Sci 30:1587-1595 (1982)
2		Hubbard & Ivatt, "Synthesis and Processing of Asparagine-Lined Oligosaccharides 1.2," Ann. Rev. Biochem 50, 555-583 (1981)
2		Hytel J., Eur. J. Pharmacol 91, 153-154 (1983)
2		Jarvie, et al., "Dopamine D2 Receptor Binding Subunits of Mr. @ 140,000 and 94,000 in Brian: Deglycosylation Yields a Common Unit of Mr. @ 44,000," Mol. Parmacol. 34, 91-97 (1988)
2		Jones S.V.P., Proc. Natl. Acad. Sci. USA 85, 4056-4060 (1988)
2		Journot L., (1987) J. Biol. Chem. 262:15106-15110
2		Judd, Endocrinology 123:2341-2350 (1988)
2		Kane, et al., "Clozapine for the Treatment-Resistant Schizophrenic," Arch. Gen. Psychiat. 45, 789-796 (1988)
2		Karose (1983) J. Biol. Chem. 258:4870-4875
2		Kebabian and Calne, "Multiple receptors for dopamine," Nature 277, 93-96 (1979)
2		Kennedy, et al., "A HincII RFLP in the human D4 dopamine receptor locus (DRD4)," Nucleic Acids Research 19(20), 5801 (1991)
2		Kobilka, B.K. Science 238:650-656 (1987)
2		Kobilka, Nature 329:75-79 (1987)
2		Koch, Eur. J. Pharmacol. 92:279-283 (1983)
2		Kozak, "Compiation and analysis of sequences upstream from the translation start site in eukaryotic mRNAs," Nucleic Acid Res. 12, 857-872 (1984)
2		Kubo, T. Nature 323:411-416 (1986)

✓		Lacey (1987) J. Physiol 392:397-416
✓		Law., (1988) Mol. Endocrinology 2:966-972
✓		Lefkowitz R. J. Biol. Chem. 263:4993-4996 (1988)
✓		Malgaroli, et al., J. Biol. Chem. 262:13920-13927 (1987)
✓		Maso Y, Nature 329:836-838 (1986)
✓		Maziere, et al., Life Sciences., 35:1349-1356 (1984)
✓		Memo M., (1986) J. Neural Trans (Suppl.) 22:19-32
✓		Mount, "A catalogue of splice junction sequences," Nucl. Acids. Res. 10, 461-472 (1982)
✓		Mullis, "The Polymerase Chain Reaction: Why It Works," in Curr. Commun. Mol. Bio., Polymerase Chain Reaction, Erlich, Bibbs & Kazazian, eds., Cold Springs Harbor Press, pp. 237-243
✓		Neve, Mol. Pharmacol 30, 104-111 (1986)
✓		Ninik, et al., Biochemistry 27, 7594-7599 (1988)
✓		Noonan, et al., "Quantitative Estimation of MDR1 mRNA Levels by Polymerase Chain Reaction," in Molecular and Cellular Biology of Multidrug Resistance in Tumor Cells, Roninson eds., Plenum Publishing Corporation, 1991, pp. 319-333
✓		O'Dowd, et al., "Palmitoylation of the Human b2-Adrenergic Receptor," J. Biol. Chem. 264, 7564-7569 (1989)
✓		Ohara, (1988) Mol. Pharmacol 33:290-296
✓		Onali P., Mol. Pharmacol 28:138-145
✓		Ozawa S., (1986) Physiol Rev. 66:887-952
✓		Peterson G.L. Analyt Biochem 83:346-356 (1977)
✓		Quantitative Filter Hybridization: 5.1 Discrimination between related sequences-stringency of hybridization," 1985, in Nucleic Acid Hybridisation: A Practical Approach, Hames & Higgins, eds., IRL Press, pp. 81-82
✓		Salomon Y.C., Analyt Biochem 58:541-548 (1974)
✓		Sandoz Canada, Inc., Clozaril: Summary of preclinical and clinical data (1990)
✓		Sanger, et al., "DNA sequencing with chain-terminating inhibitors," Proc. Natl. Acad. Sci. USA 74 (12), 5463-5467 (1977)
✓		Schofield (1983) FEBS Lett 159:79-82
✓		Schonbrunn (1978) J. Biol. Chem. 253:6473-6483
✓		Schwartz, et al., J. Neurochemistry, 34 (1980) 772-778
✓		Seeman, et al., "Human Brain D1 and D2 Dopamine Receptor in Schizophrenia, Alzheimer's, Parkinson's, and Huntington's Diseases," Neuropsychopharm. 1, 5-15 (1987)
✓		Seeman, Synapse 1, 133-152 (1987)
✓		Sengoles, et al., "Purification and Characterization of the D2-Dopamine Receptor from Bovine Anterior Pituitary," J. Biol. Chem. 263, 18996-19002 (1988)
✓		Senogles, et al., Biochemistry 25, 749-753 (1986)
✓		Sengoles S.E., et al., J. Biol. Chem. 262, 4860-4867 (1987)

2		Sibley, et al., Cell 48, 913-922 (1987)
2		Simmounds S.H., Neurosci Lett. 60:267-272 (1985)
2		Smithies, et al., "Insertion of DNA sequences into the human chromosomal b-globin locus by homologous recombination," Nature 317, 230-234 (1985)
2		Sokoloff, et al., "Molecular cloning and characterization of a novel dopamine receptor (D3) as a target for neuroleptics," Nature 347, 146-151 (1990)
2		Sokoloff, et al., "Pharmacology of human dopamine D3 receptor expressed in a mammalian cell line: comparison with D2 receptor," European Journal of Pharmacology 225, 331-337 (1992)
2		Sommer, et al., "Minimal homology requirements for PCR primers," Nucleic Acids Research 17(16), 6749 (1989)
2		Strader, et al., "Conserved Aspartic Acid Residues 79 and 113 of the b-Adrenergic Receptor Have Different Roles in Receptor Function," J. Biol. Chem. 263, 10267-10271 (1988)
2		Sunahara, et al., "Human dopamine D1 receptor encoded by an intronless gene on chromosome 5," Nature 347, 80-83 (1990)
2		Tahijian, Meth. Enzymol. (1979) 58:526-535
2		Taraskevich P.S., (1978) Nature 276, 832-834
2		Thomas & Capecchi, "Site-Directed Mutagenesis by Gene Targeting in Mouse Embryo-Derived Stem Cells," Cell 51, 503-512 (1987)
2		Uher, Biol Chem. 262, 15202-15207 (1987)
2		Ullrich A., Science 196, 1313-1319 (1977)
2		Urwyler, et al., "Identification of dopamine "D3" and "D4" binding sites, labeled with [3H] 2-amino-6, 7-dihydroxy-1, 2, 3, 4-tetrahydronaphthalene, as high agonist affinity states of the D1 and D2 dopamine receptors, respectively," Journal of Neurochemistry 46(4), 1058-1067 (1986)
2		Vallar L., (1988) J. Biol. Chem. 263:10127-10134
2		Van Tol, et al., "Cloning of the gene for a human dopamine D4 receptor with high affinity for the antipsychotic clozapine," Nature 350, 610-614 (1991)
2		Van Tol, et al., "Multiple Dopamine D4 Receptor Variants in the Human Population," Nature 358, 149-152 (1992)
2		Weiss S. Mole Pharmacol 27:595-599 (1985)
2		Zhou, et al., "Cloning and expression of human and rat D1 dopamine receptors," Nature 347, 76-80 (1990)
EXAMINER		
John U		3-2-04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.